



DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission

[Docket No. CP22-41-000]

Cameron LNG, LLC; Notice of Scoping Period Requesting Comments on Environmental Issues for the Proposed Cameron LNG Amended Expansion Project and Notice of Public Scoping Session

The staff of the Federal Energy Regulatory Commission (FERC or Commission) will prepare an environmental document, that will discuss the environmental impacts of the Cameron LNG Amended Expansion Project involving several design modifications and enhancements to the approved Cameron Expansion Project by Cameron LNG, LLC (Cameron LNG) in Cameron and Calcasieu Parishes, Louisiana. The Commission will use this environmental document in its decision-making process to determine whether the project is in the public interest.

This notice announces the opening of the scoping process the Commission will use to gather input from the public and interested agencies regarding the project. As part of the National Environmental Policy Act (NEPA) review process, the Commission takes into account concerns the public may have about proposals and the environmental impacts that could result from its action whenever it considers the issuance of an authorization. This gathering of public input is referred to as “scoping.” The main goal of the scoping process is to focus the analysis in the environmental document on the important environmental issues. Additional information about the Commission’s NEPA process is described below in the NEPA Process and Environmental Document section of this notice.

By this notice, the Commission requests public comments on the scope of issues to address in the environmental document. To ensure that your comments are timely and properly recorded, please submit your comments so that the Commission receives them in Washington, DC on or before 5:00pm Eastern Time on **May 2, 2022**. Comments may be submitted in written form. Further details on how to submit comments are provided in the Public Participation section of this notice.

Your comments should focus on the potential environmental effects, reasonable alternatives, and measures to avoid or lessen environmental impacts. Your input will help the Commission staff determine what issues they need to evaluate in the environmental document. Commission staff will consider all written or verbal comments during the preparation of the environmental document.

If you submitted comments on this project to the Commission **before** the opening of this docket on January 18, 2022, you will need to file those comments in Docket No. CP22-41-000 to ensure they are considered as part of this proceeding.

This notice is being sent to the Commission’s current environmental mailing list for this project. State and local government representatives should notify their constituents of this proposed project and encourage them to comment on their areas of concern.

Public Participation

There are four methods you can use to submit your comments to the Commission. Please carefully follow these instructions so that your comments are properly recorded. The Commission encourages electronic filing of comments and has staff available to assist you at (866) 208-3676 or FercOnlineSupport@ferc.gov.

- 1) You can file your comments electronically using the eComment feature, which is located on the Commission's website (www.ferc.gov) under the link to FERC Online. Using eComment is an easy method for submitting brief, text-only comments on a project;
- 2) You can file your comments electronically by using the eFiling feature, which is also located on the Commission's website (www.ferc.gov) under the link to FERC Online. With eFiling, you can provide comments in a variety of formats by attaching them as a file with your submission. New eFiling users must first create an account by clicking on "eRegister." You will be asked to select the type of filing you are making; a comment on a particular project is considered a "Comment on a Filing";
- 3) You can file a paper copy of your comments by mailing them to the Commission. Be sure to reference the project docket number (CP22-41-000) on your letter. Submissions sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, Maryland 20852; or
- 4) In lieu of sending written comments, the Commission invites you to attend the virtual public scoping session its staff will conduct by telephone, scheduled as follows:

Date:	Tuesday, April 26, 2022
Time:	6-8 pm Central Standard Time
Dial-in Number:	888-790-1764
Participant passcode:	3375073

The primary goal of this scoping session is to have you identify the specific environmental issues and concerns that should be considered in the environmental document. Individual oral comments will be taken on a one-on-one basis with a court reporter present on the line. This format is designed to receive the maximum amount of oral comments, in a convenient way during the timeframe allotted, and is in response to the ongoing COVID-19 pandemic.

There will not be a formal presentation by Commission staff. The scoping session is scheduled from 6 pm to 8 pm Central Standard Time. You may call at any time after 6 pm at which time you will be placed on mute and hold. Calls will be answered in the order they are received. Once answered, you will have the opportunity to provide your comment directly to a court reporter with FERC staff or representative present on the

line. A time limit of five minutes will be implemented for each commentor.

Transcripts of all comments received during the scoping session will be publicly available on FERC's eLibrary system (see the last page of this notice for instructions on using eLibrary).

It is important to note that the Commission provides equal consideration to all comments received, whether filed in written form or provided orally at a virtual scoping session.

Additionally, the Commission offers a free service called eSubscription which makes it easy to stay informed of all issuances and submittals regarding the dockets/projects to which you subscribe. These instant email notifications are the fastest way to receive notification and provide a link to the document files which can reduce the amount of time you spend researching proceedings. Go to <https://www.ferc.gov/ferc-online/overview> to register for eSubscription.

Summary of the Proposed Project

Cameron LNG proposes to amend its authorization under section 3 of the Natural Gas Act for the Cameron Expansion Project issued on May 5, 2016 (Docket No. CP15-560-000). Specifically, Cameron LNG proposes to modify the approved Train 4 and perform associated design enhancements. In addition, Cameron LNG proposes to no longer construct Train 5. This project would increase the overall reliability and capacity of Train 4 and eliminate impacts from construction and operation of Train 5. The overall maximum production capacity of the Amended Expansion Project would be reduced from 9.97 to 6.75 million tonnes per annum.

The Cameron LNG Amended Expansion Project would consist of the following design enhancements of Train 4:

- add a feed gas booster compressor;
- add propane refrigeration;
- use open art technology on natural gas liquid extraction process in lieu of a proprietary process;
- use a reduced temperature approach on air-cooled exchangers and add to the number of exchangers;
- add an End Flash Gas ("EFG") cold recovery exchanger;
- add an EFG recycle compressor;
- replace the refrigerant compressor gas turbine drives with electric motor drivers;
- add hot oil heaters in lieu of the waste heat recovery units;
- add an enclosed ground flare to handle the acid gas stream;
- add a tie-in on the Thermal Oxidizer acid gas feed line as pre-investment for possibility of future carbon sequestration; and
- utility services would be dedicated to Train 4.

The Amended Expansion Project will also include the following removal and relocation of facilities that have not yet been constructed:

- removal of the approved Train 5 and associated utilities;

- removal of the approved LNG Tank 5 (T-205);
- removal of the condensate storage tanks permitted with the Expansion Project;
- removal of one boil-off gas compressor permitted with the Expansion Project; and
- relocation of the Entergy Switch Yard for the Expansion Project.

In addition, Cameron LNG supplemented its application on March 18, 2022, by proposing an additional design enhancement to allow for the capability to simultaneously load two LNG vessels at a rate of 12,000 cubic meters/hour at both the North and South Jetties. The dual loading supplement would result in the following changes to the amendment application:

- upgrade one of the four LNG In-Tank Pumps in each LNG Storage Tank (the low capacity pump in each tank will be upgraded to match the three existing high-capacity pumps);
- addition of a parallel 36-inch-diameter loading line to provide the system hydraulics necessary for the increased dual loading rate, up to 24,000 cubic meters/hour (the line would be added using interconnections to the existing loading header);
- addition of a new impoundment basin adjacent to the existing impoundment basin serving the loading area; and
- addition of a pre-investment tie-in on the acid gas feed line to the Thermal Oxidizers for Trains 1-3 to allow future connection to potential carbon sequestration facilities that may be developed in the area (similar to the pre-investment tie-in proposed for Train 4).

The general location of the project facilities is shown in appendix 1.¹

Land Requirements for Construction

The Amended Expansion Project facilities would be within the site of the existing Cameron LNG Terminal. Construction of the project would be wholly within the footprint authorized by the Commission for the Expansion Project (Docket No. CP15-560-000).

NEPA Process and the Environmental Document

Any environmental document issued by the Commission will discuss impacts that could occur as a result of the construction and operation of the proposed project under the relevant general resource areas. Commission staff have already identified the following preliminary list of resources that may be impacted by the project and would be included in our analysis:

- environmental justice;
- air quality and noise; and

¹ The appendices referenced in this notice will not appear in the Federal Register. Copies of the appendices were sent to all those receiving this notice in the mail and are available at www.ferc.gov using the link called “eLibrary”. For instructions on connecting to eLibrary, refer to the last page of this notice. At this time, the Commission has suspended access to the Commission’s Public Reference Room due to the proclamation declaring a National Emergency concerning the Novel Coronavirus Disease (COVID-19), issued by the President on March 13, 2020. For assistance, contact FERC at FERCOnlineSupport@ferc.gov or call toll free, (886) 208-3676 or TTY (202) 502-8659.

- reliability and safety.

Commission staff will also evaluate reasonable alternatives to the proposed project or portions of the project and make recommendations on how to lessen or avoid impacts on the various resource areas. Your comments will help Commission staff identify and focus on the issues that might have an effect on the human environment and potentially eliminate others from further study and discussion in the environmental document.

Following this scoping period, Commission staff will determine whether to prepare an Environmental Assessment (EA) or an Environmental Impact Statement (EIS). The EA or the EIS will present Commission staff's independent analysis of the issues. If Commission staff prepares an EA, a *Notice of Schedule for the Preparation of an Environmental Assessment* will be issued. The EA may be issued for an allotted public comment period. The Commission would consider timely comments on the EA before making its decision regarding the proposed project. If Commission staff prepares an EIS, a *Notice of Intent to Prepare an EIS/Notice of Schedule* will be issued. Staff will then prepare a draft EIS which will be issued for public comment. Commission staff will consider all timely comments received during the comment period on the draft EIS and revise the document, as necessary, before issuing a final EIS. Any EA or draft and final EIS will be available in electronic format in the public record through eLibrary² and the Commission's natural gas environmental documents webpage (<https://www.ferc.gov/industries-data/natural-gas/environment/environmental-documents>). If eSubscribed, you will receive instant email notification when the environmental document is issued.

With this notice, the Commission is asking agencies with jurisdiction by law and/or special expertise with respect to the environmental issues of this project to formally cooperate in the preparation of the environmental document.³ Agencies that would like to request cooperating agency status should follow the instructions for filing comments provided under the Public Participation section of this notice.

Consultation Under Section 106 of the National Historic Preservation Act

In accordance with the Advisory Council on Historic Preservation's implementing regulations for section 106 of the National Historic Preservation Act, the Commission is using this notice to initiate consultation with the applicable State Historic Preservation Office, and to solicit their views and those of other government agencies, interested Indian tribes, and the public on the project's potential effects on historic properties.⁴ The environmental document for this project will document findings on the impacts on historic properties and summarize the status of consultations under section 106.

² For instructions on connecting to eLibrary, refer to the last page of this notice.

³ The Council on Environmental Quality regulations addressing cooperating agency responsibilities are at title 40, Code of Federal Regulations, section 1501.8.

⁴ The Advisory Council on Historic Preservation's regulations are at title 36, Code of Federal Regulations, part 800. Those regulations define historic properties as any prehistoric or historic district, site, building, structure, or object included in or eligible for inclusion in the National Register of Historic Places.

Environmental Mailing List

The environmental mailing list includes: federal, state, and local government representatives and agencies; elected officials; environmental and public interest groups; Native American Tribes; other interested parties; and local libraries and newspapers. This list also includes all affected landowners (as defined in the Commission's regulations) who are potential right-of-way grantors, whose property may be used temporarily for project purposes, or who own homes within certain distances of aboveground facilities, and anyone who submits comments on the project and includes a mailing address with their comments. Commission staff will update the environmental mailing list as the analysis proceeds to ensure that Commission notices related to this environmental review are sent to all individuals, organizations, and government entities interested in and/or potentially affected by the proposed project.

If you need to make changes to your name/address, or if you would like to remove your name from the mailing list, please complete one of the following steps:

- 1) Send an email to GasProjectAddressChange@ferc.gov stating your request. You must include the docket number CP22-41-000 in your request. If you are requesting a change to your address, please be sure to include your name and the correct address. If you are requesting to delete your address from the mailing list, please include your name and address as it appeared on this notice. **This e-mail address is unable to accept comments.**

OR

- 2) Return the attached "Mailing List Update Form" (appendix 2).

Additional Information

Additional information about the project is available from the Commission's Office of External Affairs, at **(866) 208-FERC**, or on the FERC website at www.ferc.gov using the eLibrary link. Click on the eLibrary link, click on "General Search" and enter the docket number in the "Docket Number" field. Be sure you have selected an appropriate date range. For assistance, please contact FERC Online Support at FercOnlineSupport@ferc.gov or (866) 208-3676, or for TTY, contact (202) 502-8659. The eLibrary link also provides access to the texts of all formal documents issued by the Commission, such as orders, notices, and rulemakings.

Public sessions or site visits will be posted on the Commission's calendar located at <https://www.ferc.gov/news-events/events> along with other related information.

Dated: March 31, 2022.

Kimberly D. Bose,
Secretary.

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